



## WASTE MANAGEMENT SECTION

# Newsletter

Volume 18

September 2001

### Working Faces

*New Staff - Michele Fitcher & George Scriba*

Andrea Vickory  
Solid and Hazardous Waste Specialist, Editor

Two Positions have been recently be filled within the Section. Look for highlights in this Newsletter. We are always taking suggestions for information you would like to see in the Newsletter, so keep us posted if you have some area of interest you would like to see addressed.

### Junk Vehicle Program

#### News & Views

##### *Upcoming Fall Training*

Darrell Stankey  
Junk Vehicle Program Manager

Fall is arriving in its usual Montana fashion. As I write this article snow is falling on the mountains - but only four days ago we had record high temperatures. This is Montana!

More importantly, however, we are reaching the time of the year when everyone gets really busy. The last great push (to haul cars?) before winter comes and on top of that, all of the various meetings and conferences are getting closer.

The Junk Vehicle Program is planning on conducting two separate 2-day training sessions. Session #1 will be held in Billings on October 30 & 31, 2001. Session #2 will be here in Helena on November 14 & 15, 2001. We have contracted with the Montana Department of Administration Professional Development Center to conduct training of specific interest for each session.

"Day One" of each Session will be specific to JV Program topics and interests, such as new legislation, budgets, enforcement, etc. "Day Two" will consist of training by staff from the Professional Development Center. "Day Two" topics will vary by session because of the differing interests expressed by Program Directors. There is a difference between eastern and western Montana!

The Junk Vehicle Director's in each county will be sent a final agenda listing specific agenda information and the locations for the sessions.

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## Internet Accessible

### *Hot Links*

Karen J. Highley  
Data Base Technician

The Solid Waste applications are now available on the Internet at:

<http://www.deq.state.mt.us/pcd/csb/swms/wms/application/newapplications/newlinkpage.asp>

The Septic Tank Pumper applications can be found at:

<http://www.deq.state.mt.us/pcd/csb/swms/pumpers/pumpers.asp>

## Dates To Remember

### *Just A Reminder*

Helenann Cannon  
Accounting Technician

<b>July 1-31, 2001</b>	<b>1<sup>st</sup> Quarter Fees Due</b>
<b>October 1, 2001</b>	<b>2<sup>nd</sup> Quarter Fees Due</b>
<b>January 1, 2002</b>	<b>3<sup>rd</sup> Quarter Fees Due</b>
<b>April 1, 2002</b>	<b>4<sup>th</sup> Quarter Fees Due</b>
<b>April 1, 2002</b>	<b>Financial Assurance Due</b>
<b>April 1, 2002</b>	<b>Renewal Applications Due</b>

Fees may be paid in full at the beginning of each Fiscal Year. This saves you the inconvenience of writing four checks and watching deadlines.

## New Solid Waste Employees

### *Please Welcome*

Rick Thompson  
Waste Management Section Supervisor

Joining the Solid Waste Management Program in August 2001 were Michele Fitcher and George Scriba.

Ms. Fitcher was hired to fill a long vacant Solid Waste Licensing Program (SWLP) position. She will focus primarily on hydrogeological and geological review of new or expansion facilities as well as participate in the drafting of environmental assessments for new license applications.

Michele comes to the department from Greensboro, North Carolina where she was employed in the private sector as hydrogeologist. She is experienced in soil and ground water investigations, site assessments, ground water monitoring well installations, analyzing data gathered to produce ground water flow maps or to predict contaminant flow paths in the ground water aquifer.

Mr. Scriba was hired to fill the Solid Waste Inspector position vacated by Tim Stepp who is now the SWLP Environmental Engineer Specialist. Aside from conducting facility inspections, Mr. Scriba will be the Program expert on construction and demolition and industrial wastes.

George comes to the department from Seattle, Washington and is a graduate of Western Washington University, with an under-graduate degree in Environmental Science. George also comes to us from the private sector where he gained experience in performing environmental inspections and assessments, operation and maintenance of ground water and waste remediation systems and performing various aspects of project management.

As they go about their duties and get out and about, please welcome them to our state and wish them well.

## New Legislation Provides Glass Recycling Incentive

### *Glass Breaking News*

#### **Ned Pettit**

Business & Community Assistance Supervisor

Under the provisions of HB499, enacted by the 2001 Legislature, businesses that use post-consumer glass as a recycled material may claim a credit against certain permitting fees assessed pursuant to the Clean Air Act of Montana.

Recycled glass is commonly used by contractors and construction materials producers as a sandblasting media, as fill material for septic fields and landscaping, as a substitute for aggregate in roadbeds and asphalt, and as a silica substitute during the manufacture of portland cement.

The amount of the credit is \$7 for each ton of post-consumer glass used as a substitute for non-recycled materials, with a maximum allowable credit in any calendar year of \$1,500 or the total amount of air quality permit fees due, whichever is less. The credit expires on December 31, 2005.

DEQ is encouraging solid waste professionals throughout Montana to work with local contractors to initiate glass recycling in their communities. Some communities have had success creating their own local market for recycled glass by working with local businesses to incorporate crushed glass into city and county roadbed construction projects. To learn more about the credit and opportunities to expand or initiate glass recycling, contact Ned Pettit of the Pollution Prevention Bureau at the Montana Department of Environmental Quality. Mr. Pettit can be reached at (406) 444-3075 or by email at [npettit@state.mt.us](mailto:npettit@state.mt.us).

## Landfarm Annual Report Form Ready For Use

### *Making Reporting Easier*

#### Andrea Vickory

Solid and Hazardous Waste Specialist

In an effort to streamline the amount of paperwork and staff review time of annual reporting, an Annual Report Form has been developed for the holders of Soil Treatment Facility licenses. It will be sent out in the renewal packet provided by the Department at the beginning of the year. Please complete the form and attach sample results with the annual report. It is not necessary to include copies of the laboratory chromatograms, but please maintain these as part of your records.

By having one report form, this should eliminate the need for lengthy reports and enable us to concentrate only on the information being requested. As with anything new, the kinks will have to be worked out and if you find you have suggestions please feel free to contact Rick Thompson or me.

Seasonal sampling is still required in April and July.

An example form can be found at the end of this newsletter.

# Solid Waste Advisory Committee

## *Bringing Ideas to the Table*

Rick Thompson

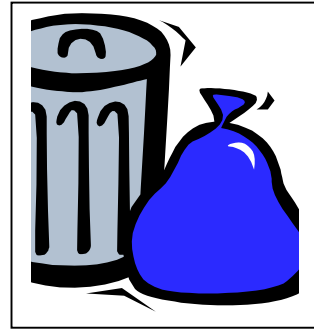
Waste Management Section Supervisor

With the successful outcome of the SB 161 in the 2001 Legislature and the support given to that bill by the regulated solid waste management community, the climate was right to set up a permanent solid waste advisory committee. The committee will meet on a regularly scheduled basis (probably four times annually). The committee is intended to serve as a forum for the regulated community and the solid waste program to discuss and seek resolution on issues of concern, legislation and administrative rule drafting.

The first meeting of the committee was on July 31<sup>st</sup>, 2001. It was well attended, with thirty-five representatives from solid waste management facilities, private consulting firms and other government entities present. At that meeting nine solid waste management facility owners and operators were selected to serve as "permanent committee members". The committee members are:

Roger Schmidt	Fallon County Class II LF	406/778-7111
Clay Vincent	Unified Disposal District, Class II LF	406/265-5481
Joe Aline	Shumaker Trucking, Class IV LF & STF	406/727-3537
Max Bauer	BFI/Allied Waste, Class II LF	406/543-3157
Bob McWilliams	Beaverhead County, Class II LF	406/683-4868
Barb Butler	City of Billings, Class II L	406/247-8626
Sherrel Rhys	Jefferson County SW District/MACo	406/225-4359
Roger Sicz	City of Bozeman, Class II LF	406/582-3200
Doug Sparrow	City County Sanitation Service, Class II	406/227-6300
	SW Contractors Association	

If there is an issue you would like to have discussed at a future committee meeting you may contact one of the committee members listed above or any Solid Waste Program staff member at (406) 444-4400.



# Ground Water Sample Temperatures

*Adapted from : June 26, 2001 Letter by Jan Sensibaugh*

Director Dept. of Environmental Quality

*Department Policy*

**Rick Thompson**

Waste Management Section Supervisor

The primary data quality objective (DQO) for landfill samples is to provide accurate evidence of the quality of groundwater at the landfill. These samples are required to be taken in a uniform manner, appropriately preserved, shipped under chain-of-custody, and handled as if they are evidence. Deviations from the standard procedures could result in the samples being legally challenged as to their validity. If there are deviations from the standard procedures, they need to be documented in the landfill's records and sample reports. Rational explanations for deviations that in no way affect the sample integrity are allowed and accepted by the Department, but they must be adequately documented. A reasonable deviation would be an immediate delivery of samples to the lab, with documentation that sample temperature from the time of collection was maintained.

One of the challenges in this manner appears to be the age of guidance from the EPA and different guidance from different EPA offices. Current EPA test methods from the Office of Solid Waste (SW-846, Revision 3, December 1996) continues to state that the standard is 4° C without a variance. Guidance from the Office of Water, The Manual for the Certification of Laboratories Analyzing Drinking Water (EPA 815-B-97-001), Chapter IV, Section 6.2 was also very specific on this matter, stating in 1997 that the standard was "4° C or less". According to latest information just received by our staff, the EPA Office of Water has changed this standard to be 4° C +/- 2° C, with the reason being: "To make practical." (Labcert Bulletin, EPA-815-N-99-002a, April 1999.)

Based on this latest information, the Department will accept the most recent guidance from the EPA Office of Water on this matter and will accept VOC samples at 4° C +/- 2° C for landfills, even though the Office of Solid Waste has not yet updated its test methods. Samples above 6° C limit will be unacceptable unless adequate documentation for a deviation is presented, such as short transit time from the collection point to the lab, provided the samples are received on ice. Deviations above 6° C due to inadequate icing will still be considered unacceptable.

Information suggests that one possible reason for inadequate cooling of samples may be the use of "blue ice". The use of this type of cooling material is discouraged in EPA guidance. Samples placed in an ice water bath chill much more quickly and should go from the average ambient water temperature of 8° C to 12° C to the required sample preservation temperature in a short amount of time. It should not be necessary to delay samples placed in an ice water bath, since a 40 ml sample vial in ice water should cool sufficiently during the transit from landfill to laboratory. While my staff has posed the question of whether they should take samples home for chilling, they are unaware of anyone actually doing this.

If you have any question or concerns regarding landfill sampling, please contact Pat Crowley, Solid Waste Regulatory Program Manager or me at (406) 444-4400.

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